## JC03 Rec'd PCT/PTO 05 0C7 Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/536,708 TRANSMITTAL Filing Date 5/27/2005 First Named Inventor **FORM** Horvatic, et al. Art Unit **Examiner Name** (to be used for all correspondence after initial filing) Attorney Docket Number fraunh01.051 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information **Provisional Application** Power of Attorney, Revocation Change of Correspondence Address Affidavits/declaration(s) Status Letter Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Return Postcard **Express Abandonment Request** Request for Refund CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Gordon E. Nelson, Patent Attorney, PC Signature Printed name Gordon E. Nelson Date Reg. No. 10/3/2005 30.093 CERTIFICATE OF TRANSMISSION/MAILING

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10/3/2005

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**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (fraunh01.051)

Applicant: H	orvatic, et al.	Paper No.:
Application No:	10/536,708	Group Art Unit:
Filed: 5/27/2005	5	Examiner:
Title: Watermark	ing digital representations tha	at have undergone lossy compression
Commissioner fo Alexandria, VA		
	Certification un	der 37 C.F.R. 1.97(b)
attached informa of the following(1) Within	tion disclosure is being time periods:	nat the items of information contained in the filed in the above patent application within one g date of a national application other than a on under § 1.53(d);
	three months of the date in an international applic	of entry of the national stage as set forth in cation;
X (3) Before	the mailing of a first Off	fice action on the merits; or
	the mailing of a first Offi ed examination under §1	ice action after the filing of a request for114.
		Respectfully submitted,  Attorney of record, Gordon E. Nelson 57 Central St., P.O. Box 782 Rowley, MA, 01969, Registration number 30,093 Voice: (978) 948-7632 Eax: (617) 788 0932

Date

October 3, 2005

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PTO/SB/08a (08-03)

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2

Attorney Docket Number | fraunh01.051

(Use as many sheets as necessary)

Sheet

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,809,139	09/15/1998	GIROD et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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Examiner	Date
Signature	Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/536,708

Filing Date 5/27/05

First Named Inventor Horvatic, et al.

Art Unit Examiner Name

(Use as many sheets as necessary)

Sheet 2 of 2 Attorney Docket Number fraunh01.051

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1	T. I magazino igurnal carial aumonogium estaleg etal deta maga/a) valuma igava numbar/a) mubliabar		
		CHANGSHENG ZU, YONGWEI ZHU, DAVID DAGAN FENG, "Digital Audio Watermarking Based-on Multiple-Bit Hopping and Human Auditory System," http://www.acm.org/sigmm/mm2001/ep/xu/ [11/18/2003]		
		D. K. KOUKOPOULOS and Y. C. STAMATIOU, "A Compressed-Domain Watermarking Algorithm for Mpeg Audio Layer 3," Computer Technology Institute and Patras University, 2001		
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		NGERMAR J. COX, JOE KILIAN, TOM LEIGHTON, AND TALAL SHAMOON, " Secure Spread Spectrum Watermarking for Mulitmedia", (c) NEC Research Institute, Technical Report 95-10.		
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		HERBERT BUCHNER, "Image and Video Watermarking," Telecommunications Seminar WS 1998		
		FRANK HARTUNG, "Multimedia Watermarking Techniques," Proceedings of the IEEE, Vol. 87, No.7, July 1999	••••••	

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Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.